HIQ HW selection table

HIQ Kits

name	description	code	status	used in
HEMS set 1P	HEMS starter kit, single phase	HEMS-1P-D-02	available	HEMS
HEMS set 1P	HEMS starter kit, Enocean, single phase	HEMS-1P-D-01	available	HEMS
HEMS set 3P	HEMS starter kit, three phase	HEMS-3P-D-02	available	HEMS
HEMS set 3P	HEMS starter kit, Enocean, three phase	HEMS-3P-D-01	available	HEMS
HIQ Home set	HIQ Home starter kit	HIQ-HOME	request	Home

HIQ controllers & IEX Modules

name	description	code	status	used in
Master Controller	230 VAC, 11 IO, Enocean, 2 × RS232, RS485, IEX2 terminals	MC-230-01	available	access, GRMS, HEMS, Home
Master Controller	230 VAC, 11 IO, 2 × RS232, RS485, IEX2 terminals	MC-230-02	available	access, GRMS
Master Controller	230 VAC, 11 IO, Enocean, 2 × RS232, isolated RS485, IEX2 terminals	MC-230-03	coming	-
Master Controller	230 VAC, 11 IO, 2 × RS232, isolated RS485, IEX2 terminals	MC-230-04	coming	-
Master Controller	230 VAC, 14 IO, RS485, 2 Wiegand	MC-230-W	request	access, GRMS
Master Controller	24 VDC, 11 IO, Enocean, 2 × RS232, RS485, IEX2 terminals	MC-24-01	coming	Home
Master Controller	24 VDC, 11 IO, 2 × RS232, RS485, IEX2 terminals	MC-24-02	coming	-
Master Controller	24 VDC, 11 IO, Enocean, 2 × RS232, isolated RS485, IEX2 terminals	MC-24-03	coming	-
Master Controller	24 VDC, 11 IO, 2 × RS232, isolated RS485, IEX2 terminals	MC-24-04	coming	-
Master Controller	24 VDC, 26 IO,2 × RS232,	MC-24-05	available	Home
Master Controller	24 VDC, 26 IO,2 × RS232, EnOcean	MC-24-06	coming	-
HIQ controller	24 VDC, 23 IO, 2 × RS232	HC-IQ	available	GRMS, Home
OP-8 Touch operator panel	IEX-2 module, touch operator panel	OP-8	available	Home
Light controller	10 high power relay-controlled outputs	LC-10-IQ mk1	EOL	Home
Light controller	10 high power relay-controlled outputs	LC-10-IQ mk2	available	Home
LED stripe dimmer	4 channel 12/24V constant voltage LED dimmer	LD-V4-IQ	available	Home
Light controller	8 relay outputs with parallel option	LC-8-IQ	available	-
Light dimmers driver	4 channel universal lights dimmer	LD-P4-IQ	available	Home

name	description	code	status	used in
DALI dimmer	8 DALI groups dimmer	LD-D8-IQ	available	Home
Blinds controller	5 blinds position controller	BC-5-IQ	available	Home
Blinds controller	Single blinds controller	BC-1-IQ	available	GRMS
Scene Touch Panel	touch 4 scene controller	SC-4T-IQ	available	GRMS, Home
Scene controller	4 scene controller, using various brands push buttons	SC-4S-IQ	available	GRMS, Home
Touch thermostat	Touch room thermostat	TH-1T-IQ	available	GRMS, Home
Electronic thermostat	Electronic room thermostat	TH-1M-IQ	available	Home
Blind thermostat	Blind room thermostat	TH-2-IQ	available	Home
Fan-coil controller	3 speed fan and valves controller	FC-1-IQ	available	GRMS, Home
GRMS expansion module	10 DI, 10 relay DO expansion	HR-EX-IQ	request	GRMS
GRMS expansion module	12 DI + 6 DI/DO + 6 D/AI expansion	HR-PB-IQ	request	GRMS
Card reader interface	2 channel card reader module, 2x output, 4x input	CR-W2-IQ	available	access, GRMS
RDX Charger	Charger for electric vehicles	RDX-RF	available	
RDX Charger	Robotina Dynamic Charger	RDX-RF	available	RDX

Linkers

name	description	code	status	used in
Home Linker	Central high function linker (HIQ-Universe)	HL-HIQ-D	available	-
Azure Linker	Central high function linker (MS-Azure)	HL-AZU-D	request	-
IOT Linker 2 Ethernet Port	Central high function linker (HIQ Universe)	IOT-L2-2	available	HEMS
4G LTE USB modem for IOT linker	USB wireless modem for IOT linker	IOT-L2-W	available	HEMS
IOT Linker 2 Ethernet Port	Central high function linker (HIQ Universe)	IOT-L2-2	available	RDX
4G LTE USB modem for IOT linker	USB wireless modem for IOT linker	IOT-L2-W	available	RDX

HI-bus modules

name	description	code	status	used in
Touch thermostat	Touch room thermostat, black	TH-HI	available	GRMS
Key-card holder	Key-card holder, black	KH-HI	available	GRMS
Touch buttons	2 touch buttons, black	B2-HI-01	available	GRMS
Touch buttons	2 touch buttons, white	B2-HI-02	available	GRMS
Touch buttons	4 touch buttons, black	B4-HI-01	available	GRMS
Touch buttons	4 touch buttons, white	B4-HI-02	available	GRMS
Touch buttons	6 touch buttons, black	B6-HI-01	available	GRMS
Touch buttons	6 touch buttons, white	B6-HI-02	available	GRMS
Room info panel	DND and MUR touch buttons, black	IP-HI	available	GRMS

name	description	code	status	used in
Corridor info panel	Room number, DND and MUR indicator, doorbell touch button, black	CP-HI	available	GRMS
Door bell	Electronic doorbell, black	DB-HI	available	GRMS

Access control

name	description	code	status	used in
QR code reader	QR code and RFID card reader, black	QR-FR-B	available	access, GRMS
Micro card reader	Micro RFID card reader module	CR-MR	available	access, GRMS
Card reader	RFID card reader, white	CR-TR-W	coming	access, GRMS
Card reader	RFID card reader, black	CR-TR-B	coming	access, GRMS
Card reader	RFID card reader, silver	CR-TR-S	coming	access, GRMS
Card reader	RFID card reader, ivory	CR-TR-I	coming	access, GRMS
Glass card reader	RFID card reader, black	CR-HR-B	coming	access, GRMS
Glass card reader	RFID card reader, white	CR-HR-W	coming	access, GRMS
Card holder	RFID card holder, white	CH-TR-W	coming	GRMS
Touch keypad	Touch keypad and RFID card reader, black	TK-FR-B	request	access, GRMS
Card holder	RFID card holder, black	CH-TR-B	coming	GRMS
Rugged keypad	Rugged keypad and RFID card reader, silver	RK-FR-S	request	access, GRMS
Card holder	RFID card holder, silver	CH-TR-S	coming	GRMS
Card holder	RFID card holder, ivory	CH-TR-I	coming	GRMS
USB Card reader	External USB RFID card reader	CR-USB	request	access, GRMS
Card holder	RFID card holder, black	CH-HR-B	coming	GRMS
Card holder	RFID card holder, white	CH-HR-W	coming	GRMS
Mortise lock	EN Electromechanical Lock	EL-ML	request	access, GRMS
Electric strike	Electric strike, 24 VDC	EL-ST	request	access, GRMS
Magnetic lock	Magnetic lock, 280 kg	EL-M3	request	access, GRMS
Wireless connection	Wireless power supply and control for locks	EL-PW	request	access, GRMS
RFID card	RFID card	CD-R	request	access, GRMS
Number plate reading camera	ANPR Camera with Wiegand interface for direct connection to Access control systems	RB-ANPR-IQ		access

Enocean

name	description	code	status	used in
Smart plug	Enocean wireless smart plug, Schuko	SC0-WE-F	available	-
Smart plug	Enocean wireless smart plug , Type E	SC0-WE-E	request	
Smart plug	Enocean wireless smart plug with metering, Schuko	SCM-WE-F	available	HEMS
Smart plug	Enocean wireless smart plug with metering, Type E	SCM-WE-E	request	
Micro smart plug	Enocean wireless micro smart plug, Schuco	SMM-WE-F	available	HEMS

name	description	code	status	used in
Micro smart plug	Enocean wireless micro smart plug, Type E	SMM-WE-E	request	
Soft remote	Enocean wireless soft remote, cozy white	PB-WE-R1	request	-
Soft remote	Enocean wireless soft remote, tech blue	PB-WE-R2	request	
Soft remote	Enocean wireless soft remote, cozy gray	PB-WE-R3	request	
Soft remote	Enocean wireless soft remote, wasabi	PB-WE-R4	request	
Soft remote	Enocean wireless soft remote, soft-berry	PB-WE-R5	request	
Soft remote	Enocean wireless soft remote, blue lagoon	PB-WE-R6	request	
Wall switch	Enocean wireless wall switch	PB-WE-W1	request	-
Key-card holder	Enocean wireless key-card holder, white	CH-WE-W1	request	-
Opening sensor	Enocean wireless opening sensor, white	OS-WE-W1	request	-
Temperature sensor	Enocean wireless temperature sensoren	TS-WE-W1	request	HEMS
Temperature and humidity sensor	Enocean wireless temperature and humidity sensor	TSH-WE-W1	request	HEMS
Relay Switch	Enocean wireless relay switch, 1 channel	RS1-WE-F1	request	HEMS
Relay Switch	Enocean wireless relay switch, 2 channels	RS2-WE-F2	request	HEMS
Blinds controller	Enocean wireless blinds controller	BC-WE-F1	request	-
Motion sensor	Enocean wireless motion sensor, white	MS-WE-W1	request	-
Soft Button	Enocean wireless soft button	PB-WE-B1	coming	-

ZigBee

name	description	code	status	used in
Wireless gateway	RS485/modbus to ZigBee gateway	GW-WN-W	EOL	HEMS
Wireless bridge	ZigBee to RS485/modbus bridge	BR-WN-W	EOL	HEMS
Wireless DIN rail power sensor	single phase, DIN rail	PM1-WN-D	EOL	HEMS
Wireless on wall power sensor	single phase, on wall	PM1-WN-W	EOL	HEMS
Wireless relay	single relay	RL1-WN-W	EOL	HEMS
Wireless smart plug	ON/OFF, metering, Schuko	SC1-WN-F	EOL	HEMS
Wireless temperature & humidity sensor	single temperature, white	TSH-WN-W	EOL	HEMS
Wireless sensor module	2 NTC, 2 digital input	TDI-WN-W	EOL	HEMS

Power sensors

name	description	code	status	used in
Single phase power-sensor	1-phase power sensor, DIN rail	PM1-E-D	available	HEMS, Home
Single phase power-sensor, CT	1-phase power sensor, DIN rail, CT	PM1-E-D-CT	available	HEMS, Home
Three phase power-sensor	3-phase power sensor, DIN rail	PM3-I-D	available	HEMS, Home
Three phase power sensor	3-phase power sensor, DIN rail	PM3-E-D	available	HEMS, Home
Three phase power sensor, CT	3-phase power sensor, DIN rail, CT	PM3-E-D-CT	available	HEMS, Home
1-ph current transformer	1-phase split core current transformer, 50A	CT-1-E-50	available	HEMS, Home

name	description	code	status	used in
3-ph current transformer	3-phase split core current transformer, 50-400A	CT-3-E-XX	available	HEMS, Home

Battery Monitoring System

name	description	code	status	used in
Robotina Battery Management System	Battery Monitoring System for larger UPS systems	Robotina BTMS	available	-

Accessories

name	description	code	status	used in
Power supply	24 V DC / 3.8 A power supply	PS-IQ	available	access, GRMS, Home
Power supply	12 V DC / 2.1 A power supply	PS-12-30-IQ	available	access, GRMS
Power supply	12 V DC / 4.5 A power supply	PS-12-60-IQ	available	GRMS
Remote controller	flat IR remote controller	RE-2-IQ	available	Home
Buttons	2 mini buttons (for mounting on terminals)	CAD-2-BUT-IQ	available	GRMS, Home
Push button illumination	white LED illumination (for SC)	CAD-SW-LED-IQ	available	GRMS, Home
Serial converter	RS232 to RS485 serial converter	CAD-232-A2-IQ	available	access, GRMS, Home
Bus extender	connection between RJ9 and cable, surge protection	CAD-BE-PROT-IQ	available	access, GRMS, Home
Bus cable	2.5 cm RJ9 to RJ9 bus cable	CAD-P0-IQ	available	GRMS, Home
Bus cable	2 m RJ9 to RJ9 bus cable	CAD-P2-IQ	available	GRMS, Home
Motion sensor	Indoor PIR motion sensor	IR-580-IQ	available	GRMS, Home
Temperature sensor	2m wire	ES-P-IQ	available	GRMS, Home
Temperature sensor	Aluminum housing IP 67, 5m wire	ES-A-IQ	EOL	GRMS, Home
Temperature sensor	Steel tube housing IP 67, 5m wire	ES-B-IQ	available	HEMS, GRMS, Home
Temperature sensor	white housing, terminals	ES-W-OW-WHITE	available	HEMS, GRMS, Home
Temperature sensor	ivory housing, terminals	ES-W-OW-IVORY	available	HEMS, GRMS, Home
Single phase power-sensor	1-phase power sensor, DIN rail	PM1-E-D	available	RDX
Three phase power sensor	3-phase power sensor, DIN rail	PM3-E-D	available	RDX
Lightness sensor	indoor lightness sensor	RHKF-U-IQ	request	Home
Light driver	universal 230 VAC light driver	LUD12-IQ	request	GRMS, Home
LED stripe	warm white, 24 VDC, 9 W/m	LS-24-WW	request	GRMS, Home
LED stripe	RGB+WW, 24VDC, 9 W/m	LS-24-RGBWW	request	GRMS, Home
LED power supply	24 VDC, 100W	LP-24-100	request	GRMS, Home
LED power supply	24 VDC, 240W	LP-24-240	request	GRMS, Home
LED power supply	24 VDC, 480W	LP-24-480	request	GRMS, Home
LED power supply	24 VDC, 600W	LP-24-600	request	GRMS, Home

name	description	code	status	used in
LED power supply	24 VDC, 100W, dimmable	LP-24-100-D	request	GRMS, Home
LED power supply	24 VDC, 240W, dimmable	LP-24-240-D	request	GRMS, Home
LED power supply	24 VDC, 480W, dimmable	LP-24-480-D	request	GRMS, Home
LED power supply	24 VDC, 600W, dimmable	LP-24-600-D	request	GRMS, Home
Power relay	230 VAC, 2 × NO 20A	IK20-20-230	request	GRMS, Home
Power relay	230 VAC, 4 × NO 25A	IK25-40-230	request	GRMS, Home
Opening sensor	Magnetic door / window opening sensor	MOS-01	request	access, GRMS, Home
Opening sensor	Magnetic door / window opening sensor	MOS-02	request	access, GRMS, Home
Temperature and Humidity Sensor	Temperature and Humidity Sensor	RB-100-TH	available	HEMS, Home
Wireless Modbus-to-Modbus bridge	Wireless Modbus-to-Modbus bridge	WM-1	available	HEMS, Home
Wireless Modbus-to-Modbus bridge	Wireless Modbus-to-Modbus bridge	WM-1	available	RDX
Power supply	24 V DC / 1.5 A power supply	PSM-30-24	available	access, GRMS, Home
TVOC, Temperature and Humidity Sensor	TVOC, Temperature and Humidity Sensor	RB-100-TVOC-TH	coming	
Wireless Modbus Relay	Wireless Modbus Relay	WR-1	available	HEMS, Home
Wireless Modbus Relay	Wireless Modbus Relay	WR-1	available	RDX
Wireless external single-phase power sensor kit	Wireless external single-phase Power sensor kit	WPM1-E-D	available	RDX
Wireless external three-phase power sensor kit	Wireless external three-phase Power sensor kit	WPM3-E-D	available	RDX
RDX Charger Protective Roof	Protective roof for RDX Charger	RDX-PR	available	RDX
RDX Charger Freestanding set	Freestanding set for RDX Charger	RDX-FS	available	RDX

Promotion / Demonstration

name	description	code	status	used in
Demo suitcase	mobile demonstration set	HIQ-MOB-ST-KIT	request	Home
Demo suitcase and set	mobile demonstration set + start set	HIQ-MOB-EX-KIT	request	Home
Demo wall	"Window to future" multimedia set	HIQ-WALL-KIT	request	Home

TEM

name	description	code	status	used in
Decorative frame	- elox silver line plastic for 3M	OL30ES	request	HEMS, Home
Decorative frame	- elox silver line plastic for 4M	OL40ES	request	HEMS, Home
Decorative frame	- elox silver soft plastic for 3M	OS30ES	request	HEMS, Home
Decorative frame	- elox silver soft plastic for 4M	OS40ES	request	HEMS, Home
Decorative frame	- black soft plastic for 3M	OS30SB	request	HEMS, Home
Decorative frame	- black soft plastic for 4M	OS40SB	request	HEMS, Home

name	description	code	status	used in
Decorative frame	- hammered steel metal for 3M	OP30MH	request	HEMS, Home
Decorative frame	- hammered steel metal for 4M	OP40MH	request	HEMS, Home
Decorative frame	- satin silver metal for 3M	OP30MS	request	HEMS, Home
Decorative frame	- satin silver metal for 4M	OP40MS	request	HEMS, Home
Decorative frame	- bamboo wood for 3M	OP30WB	request	HEMS, Home
Decorative frame	- bamboo wood for 4M	OP40WB	request	HEMS, Home
Decorative frame	- maple wood for 3M	OP30WM	request	HEMS, Home
Decorative frame	- maple wood for 4M	OP40WM	request	HEMS, Home
Decorative frame	- wenge wood for 3M	OP30WE	request	HEMS, Home
Decorative frame	- wenge wood for 4M	OP40WE	request	HEMS, Home
Decorative frame	- ice white glass for 3M	OP30GW	request	HEMS, Home
Decorative frame	- ice white glass for 4M	OP40GW	request	HEMS, Home
Decorative frame	- ice grey glass for 3M	OP30GY	request	HEMS, Home
Decorative frame	- ice grey glass for 4M	OP40GY	request	HEMS, Home
Push button	- 1way, polar white	SM11PW	request	HEMS, Home
Push button	- 1way, soft touch black	SM11SB	request	HEMS, Home
Push button	- 1way, elox silver	SM11ES	request	HEMS, Home
Push button	- 1way, indicator, polar white	SM11PWIN	request	HEMS, Home
Push button	- 1way, indicator, soft touch black	SM11SBIN	request	HEMS, Home
Push button	- 1way, indicator, elox silver	SM11ESIN	request	HEMS, Home
Push button	- shutters, polar white	SM41PWNT10	request	HEMS, Home
Push button	- shutters, soft touch black	SM41SBNT10	request	HEMS, Home
Push button	- shutters, elox silver	SM41ESNT10	request	HEMS, Home
Fixing frame	- size 3M	NM30	request	HEMS, Home
Fixing frame	- size 4M	NM40	request	HEMS, Home
Flush box	- for brick, size 3M, depth 65mm	DM31	request	HEMS, Home
Flush box	- for brick, size 4M, depth 65mm	DM41	request	HEMS, Home
Flush box	- for hollow wall, size 3M, depth 49mm	HM30	request	HEMS, Home
Flush box	- for hollow wall, size 4M, depth 49mm	HM40	request	HEMS, Home
Flush box	- for concrete, size 3M, depth 60mm	BM30	request	HEMS, Home
Flush box	- for concrete, size 4M, depth 60mm	BM40	request	HEMS, Home

Touch panels

name	description	code	status	used in
Touch panel	myHIQ 8.9' touch panel	TP-9A-IQ	available	GRMS, Home
Touch panel	myHIQ 7' touch panel	TP-7A-IQ	available	GRMS, Home
Touch HMI panel	4 inch touch HMI panel 86 mm box, UK dose; black frame	TGP-4A-01-IQ		Home
Touch HMI panel	4 inch touch HMI panel, for DIN dose; black frame	TGP-4D-01-IQ		Home
Touch HMI panel	7 inch touch HMI panel 86 mm box black frame	TGP-7A-01-IQ		Home

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